RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/563,779 B

Source: _____ IFWO

Date Processed by STIC: _____ 03/14/2007

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IFWO

RAW SEQUENCE LISTING   DATE: 03/14/2007
PATENT APPLICATION: US/10/563,779B   TIME: 10:54:29

Input Set : A:\70629 ST25.txt
Output Set: N:\CRF4\03142007\J563779B.raw

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   3 <110> APPLICANT: Syngenta Limited
   5 <120> TITLE OF INVENTION: A method of selectively producing male or female sterile
plants
   7 <130> FILE REFERENCE: PPD70629
C-->  9 <140> CURRENT APPLICATION NUMBER: US/10/563,779B
  10 <141> CURRENT FILING DATE: 2006-01-06
  12 <150> PRIOR APPLICATION NUMBER: PCT/GB04/002447
  13 <151> PRIOR FILING DATE: 2004-06-09
  15 <150> PRIOR APPLICATION NUMBER: GB 0316040.5
  16 <151> PRIOR FILING DATE: 2003-07-08
  18 <150> PRIOR APPLICATION NUMBER: GB 0401839.6
  19 <151> PRIOR FILING DATE: 2004-01-28
  21 <160> NUMBER OF SEQ ID NOS: 7
  23 <170> SOFTWARE: PatentIn version 3.3
  25 <210> SEQ ID NO: 1
  26 <211> LENGTH: 27
  27 <212> TYPE: DNA
  28 <213> ORGANISM: Artificial Sequence
  30 <220> FEATURE:
  31 <223> OTHER INFORMATION: chemically synthesized
  33 <400> SEQUENCE: 1
  34 aactgcagct ttttggttag cgaatgc                                    27
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  38 <211> LENGTH: 35
  39 <212> TYPE: DNA
  40 <213> ORGANISM: Artificial Sequence
  42 <220> FEATURE:
  43 <223> OTHER INFORMATION: chemically synthesized
  45 <400> SEQUENCE: 2
  46 cagactagtt ttagctaatt tctttaagta aaaac                           35
  49 <210> SEQ ID NO: 3
  50 <211> LENGTH: 1106
  51 <212> TYPE: DNA
  52 <213> ORGANISM: Rhodotorula gracilis
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  57 cttatacttg cccggaaggg gtactccgtc cacatcctgg cccgggacct cccagaggat  120
  59 gttagctcac agaccttcgc gtccccttgg gctggagcca actggacccc ttttatgacc  180
  61 ctcactgacg gcccgaggca ggcaaagtgg gaggagtcta cattcaagaa gtgggtggaa  240
  63 cttgtgccaa cggggcatgc catgtggttg aagggaacca ggcgtttcgc ccaaaatgag  300
  65 gacggactgc tcggtcactg gtacaaagat atcaccccca attatagacc cttgccctct  360
  67 tccgaatgtc caccaggcgc tattggcgtg acttatgaca cattgtcagt gcacgctcca  420
  69 aagtactgcc aatacctcgc aagggagctc cagaagctgg gggcgacatt cgagcgccgc  480
  71 accgttactt ccctcgagca agcttttgat ggggctgacc tcgtcgttaa cgcgacgggg  540
```

```
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```

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 73 ctgggtgcca agtccatcgc tggcatcgat gaccaggcgg ccgagcctat tcgcggtcaa     600
 75 acggtgctcg tcaagtcgcc ctgcaaaagg tgtactatgg acagctcgga cccggcatca     660
 77 ccggcgtaca tcatcccgcg gccaggaggc gaagtgattt gcggcggtac gtacggggtc     720
 79 ggagactggg atctctcggt caacccagag accgtccagc gcatcctcaa acactgcctg     780
 81 gcctggatcc gactatttct tcggacggca caatcgaagg catcgaggtg ctgcggcata     840
 83 acgtcggact cagaccggcg aggaggggag gccctcgcgt tgaagccgag aggattgttc     900
 85 ttccacttga cagaacgaag agccccctct cactgggccg tgggagcgct cgtgcggcca     960
 87 aggagaagga ggtgactttg gtgcatgcct acggtttctc cagcgctggc tatcaacagt    1020
 89 cttggggcgc agccgaagac gtcgcacaat tggtcgatga ggcgtttcag aggtatcatg    1080
 91 gggccgcccg cgagtctaag ctctga                                         1106
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 95 <211> LENGTH: 120
 96 <212> TYPE: DNA
 97 <213> ORGANISM: Artificial Sequence
 99 <220> FEATURE:
100 <223> OTHER INFORMATION: chemically synthesized
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
105 <222> LOCATION: (22)..(22)
106 <223> OTHER INFORMATION: where n=a,t, c or g.
108 <220> FEATURE:
109 <221> NAME/KEY: misc_feature
110 <222> LOCATION: (23)..(23)
111 <223> OTHER INFORMATION: where n=a,t, c or g.
113 <220> FEATURE:
114 <221> NAME/KEY: misc_feature
115 <222> LOCATION: (24)..(24)
116 <223> OTHER INFORMATION: where n=a,t, c or g.
118 <220> FEATURE:
119 <221> NAME/KEY: misc_feature
120 <222> LOCATION: (97)..(97)
121 <223> OTHER INFORMATION: where n=a,t, c or g.
123 <220> FEATURE:
124 <221> NAME/KEY: misc_feature
125 <222> LOCATION: (98)..(98)
126 <223> OTHER INFORMATION: where n=a,t, c or g.
128 <220> FEATURE:
129 <221> NAME/KEY: misc_feature
130 <222> LOCATION: (99)..(99)
131 <223> OTHER INFORMATION: where n=a,t, c or g.
133 <400> SEQUENCE: 4
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W--> 134 tccccatgca agcgatgcac gnnngactcg tccgaccccg cttctcccgc ctacatcatt     60
     136 ccccgaccag gtggcgaagt catctgcggc gggacgnnng gcgtgggaga ctgggacttg    120
     139 <210> SEQ ID NO: 5
     140 <211> LENGTH: 120
     141 <212> TYPE: DNA
     142 <213> ORGANISM: Artificial Sequence
     144 <220> FEATURE:
     145 <223> OTHER INFORMATION: chemically synthesized
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RAW SEQUENCE LISTING   DATE: 03/14/2007
PATENT APPLICATION: US/10/563,779B   TIME: 10:54:29

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148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (22)..(22)
151 <223> OTHER INFORMATION: where n=a,t, c or g.
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (23)..(23)
156 <223> OTHER INFORMATION: where n=a,t, c or g.
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (24)..(24)
161 <223> OTHER INFORMATION: where n=a,t, c or g.
163 <220> FEATURE:
164 <221> NAME/KEY: misc_feature
165 <222> LOCATION: (97)..(97)
166 <223> OTHER INFORMATION: where n=a,t, c or g.
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <222> LOCATION: (98)..(98)
171 <223> OTHER INFORMATION: where n=a,t, c or g.
173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <222> LOCATION: (99)..(99)
176 <223> OTHER INFORMATION: where n=a,t, c or g.
178 <400> SEQUENCE: 5
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W--> 179 caagtcccag tctcccacgc cnnncgtccc gccgcagatg acttcgccac ctggtcgggg   60
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181 aatgatgtag gcgggagaag cggggtcgga cgagtcnnnc gtgcatcgct tgcatgggga    120
184 <210> SEQ ID NO: 6
185 <211> LENGTH: 7
186 <212> TYPE: PRT
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: chemically synthesized
192 <400> SEQUENCE: 6
194 Arg Cys Thr Met Asp Ser Ser
195 1               5
198 <210> SEQ ID NO: 7
199 <211> LENGTH: 7
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: chemically synthesized
206 <400> SEQUENCE: 7
208 Gly Gly Thr Tyr Gly Val Gly
209 1               5
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/14/2007
PATENT APPLICATION: US/10/563,779B   TIME: 10:54:30

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<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 22,23,24,97,98,99
Seq#:5; N Pos. 22,23,24,97,98,99

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/563,779B

DATE: 03/14/2007
TIME: 10:54:30

Input Set : **A:\70629 ST25.txt**
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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
M:341 Repeated in SeqNo=5